

Substitute for form 1449/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**  
 (Use as many sheets as necessary)

Sheet

1

of

3

Complete if Known	
Application Number	10/822,548
Filing Date	April 12, 2004
First Named Inventor	Seghatol, et al.
Art Unit	3742
Examiner Name	Not Assigned
Attorney Docket Number	1550.36US03

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
PB	US-4,527,560		07-1985	Masreliez
	US-4,873,269		10-1989	Nakazato
	US-4,971,735		11-1990	Uebayashi
	US-5,147,903		09-1992	Podszun et al.
	US-5,151,279		09-1992	Kimura
	US-5,175,008		12-1992	Ueno
	US-5,218,070		06-1993	Blackwell
	US-5,302,104		04-1994	Ueda
	US-5,324,186		06-1994	Bakanowski
	US-5,421,727		06-1995	Stevens et al
	US-5,502,087		03-1996	Tateosian et al.
	US-5,510,411		04-1996	McKinstry et al.
	US-5,645,748		07-1997	Schiffmann et al.
	US-5,893,713		04-1999	Garman et al.
	US-			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number-Kind Code <sup>3</sup> (if known)			
PB	EP 0 687 451 A2		12-1995	Goerlich et al.	
	JP 7031632A		02-1995	Terakita et al.	
PB	CA 2,148,536		11-1995	Goerlich et al.	
PB	CA 2,120,880		10-1995	Seghatol et al.	
	EP 0 193 514 B1		08-1990	DeClerck	

EXAMINER  
SIGNATURE*Patrick Butler*DATE  
CONSIDERED

16 August 2005

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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## NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
PB		Feilzer AJ et al., "Curing contraction of composites and glass-ionomer cements," <i>Journal of Prosthetic Dentistry</i> , Vol. 59, pp. 297-300 (1988).		
		Ferracane JL et al., "Wear and marginal breakdown of composite with various degrees of cure," <i>J Dent. Res.</i> , Vol. 76, No. 8, pp. 1508-16 (1997).		
		Hayden WJ, "Flexure strength of microwave-cured denture baseplates", <i>General Dentistry</i> , Vol. 343, pp. 367 (1986).		
		Al Doori D et al. "A comparison of denture base acrylic resins polymerised by microwave irradiation and by conventional water bath curing systems," <i>Dental Materials</i> , Vol. 4, pp. 25-32 (1988).		
		Geerts G et al., "A comparison of the bond strengths of microwave and water bath-cured denture materials," <i>The Journal of Prosthetic Dentistry</i> , Vol. 66, No. 3, pp. 403-07 (Sept. 1991).		
		Turck MD et al, "Microwave processing for dentures, relines, repairs and rebases," <i>The Journal of Prosthetic Dentistry</i> , Vol. 69, No. 3, pp. 340-43 (1993).		
		Wallace PW et al., "Dimensional accuracy of denture resin cured by microwave energy," <i>The Journal of Prosthetic Dentistry</i> , Vol. 68, pp. 634-40 (1992).		
		Salim S. et al. "The dimensional accuracy of rectangular acrylic resin specimens cured by three denture base processing methods," <i>The Journal of Prosthetic Dentistry</i> , Vol. 67, pp. 879-85 (1992).		
		Ferracane JL, "Elution of leachable components from composites," <i>Journal of Oral Rehabilitation</i> , Vol. 21, pp. 441-52 (1994).		
		Hume WR et al., "Bioavailability of components of resin-based materials which are applied to teeth," <i>Crit. Rev. Oral Biol. Med.</i> , Vol. 7, No. 2, pp. 172-79 (1996).		
		Urabe H. et al. in "Influence of polymerization initiator for base monomer on microwave curing of composite resin inlays," <i>Journal of Oral Rehabilitation</i> , Vol. 26, pp. 442-46 (1999).		
		"The Prosthoflex automated injection system from ATP Industries, Inc." <i>Dental Lab Products</i> , Sept./Oct. 1995, pp. 14.		
EXAMINER SIGNATURE	<i>Patrick Butler</i>		DATE CONSIDERED	<i>16 August 2005</i>

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				First Named Inventor	Seghatol
				Art Unit	3742
				Examiner Name	Unknown
SEARCHED	1	of	4	Attorney Docket Number	1550.36US03
U.S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
PB		US-4,011,197	03/1977	Lee	
		US-4,251,215	02/1981	May et al.	
		US-4,527,560	07/1985	Masreliez	
		US-4,543,379	09/1985	Gettleman et al.	
		US-4,604,444	08/1986	Donnadieu et al.	
		US-4,760,228	07/1988	Kudo	
		US-4,873,269	10/1989	Nakazato	
		US-4,971,735	11/1990	Uegayashi	
		US-5,026,959	06/1991	Ito et al.	
		US-5,059,914	10/1991	Lacombe et al.	
		US-5,081,164	01/1992	Lai	
		US-5,147,903	09/1992	Podszum et al.	
		US-5,151,279	09/1992	Kimura et al.	
		US-5,175,008	12/1992	Ueno	
		US-5,191,182	03/1993	Gelorme et al.	
		US-5,207,231	05/1993	Fakhri	
		US-5,218,070	06/1993	Blackwell	
		US-5,302,104	04/1994	Ueda	
		US-5,324,186	06/1994	Bakanowski	
		US-5,346,932	09/1994	Takahashi et al.	
		US-5,358,515	10/1994	Hürter et al.	
		US-5,384,075	01/1995	Okami	
		US-5,421,727	06/1995	Stevens et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
PB		CA 2120880	10/1995		
PB		CA 2148536	11/1995		
		DE 41 02 129 A1	07/1992		
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FEB 03 2005 INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
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				First Named Inventor	Seghatol
				Art Unit	3742
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<i>PB</i>		US-5,456,603	10/1995	Kowalyk et al.	
		US-5,502,087	03/1996	Tateosian et al.	
		US-5,510,411	04/1996	McKinstry et al.	
		US-5,521,360	05/1996	Johnson et al.	
		US-5,632,955	05/1997	Gabbai	
		US-5,645,748	07/1997	Schiffmann et al.	
		US-5,648,038	07/1997	Fathi et al.	
		US-5,747,553	05/1998	Guzauskas	
		US-5,770,143	06/1998	Hawley et al.	
		US-5,893,713	04/1999	Garman et al.	
		US-6,033,401	03/2000	Edwards et al.	
		US-6,036,494	03/2000	Cohen	
		US-6,083,218	07/2000	Chou	
		US-6,103,779	08/2000	Guzauskas	
		US-6,254,389	07/2001	Seghatol	
		US-6,287,490	09/2001	Rheinberger et al.	
		US-6,335,385	01/2002	Gorlich et al.	
		US-6,384,107	05/2002	Liu	
		US-6,441,354	08/2002	Seghatol et al.	
		US-6,605,651	08/2003	Stangel et al.	
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		EP 0 193 514 B1	08/1990		
<i>PB</i>		EP 0 687 451 A2	12/1995		
		JP 63-296750	02/1988		
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PB		Urabe et al., "Influence of Polymerization Initiator for Base Monomer on Microwave Curing of Composite Resin Inlays," Journal of Oral Rehabilitation 1999 26:447-446				
		Readers' Choice, "The Prosthoflex Automated Injection System From ATP Industries, Inc.," Dental Lab Product, Sep./Oct. 1995.				
		Hoshi et al., "Application of Microwaves and Millimeter Waves for the Characterization of Teeth For Dental Diagnosis and Treatment," IEEE Transactions on Microwave Theory and Techniques, vol. 46, no. 6, June 1998.				
		Ferracane, "Elution of Leachable Components From Composites," Journal of Oral Rehabilitation, 1994, vol. 24, pp. 441-452.				
		"Estrogenic Agents Leach From Dental Sealant," Science News, vol. 149, Apr. 6, 1996.				
		Hume et al., "Bioavailability of Components of Resin-Based Materials Which Are Applied To Teeth," Crit. Rev. Oral Biol. Med., 7(2):172-179 (1996).				
		Alkhatib et al., "Comparison of Microwave-Polymerized Denture Base Resins," The International Journal of Prosthodontics, vol. 3, no. 3, pp. 249-255, 1990.				
		Hayden, "Flexual Strength of Microwave-cured Denture Baseplates," General Dentistry/Sep.-Oct. 1986, pp. 367-371.				
		Geerts et al., "A Comparison of the Bond Strengths of Microwave—and Water Bath—Cured Denture Material," The Journal of Prosthetic Dentistry, vol. 70, no. 5, pp. 406-409.				
→		Turck et al., "Microwave Processing for Denture Relines, Repairs, and Rebases," The Journal of Prosthetic Dentistry, vol. 69, no. 3, pp. 340-343.				
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